

Legend:

- F13 Adoptable Foul Drain Rising Main
- Adoptable Foul Sewer with MH TYPE 2 PCC Ring
- F12 Foul Drain with MH TYPE 2 PCC Ring, Diameter and Gradient
- F1 1000da 1.150 Foul Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- F2 1000da 1.180 Foul Drain with TYPE 4 250/300 Diameter Inspection Chamber, Diameter and Gradient
- BD Foul Drain Backdrop
- S28 1500da 1.150 Surface Water with MH TYPE 2 PCC Ring, Diameter and Gradient
- S1 1000da 1.100 Surface Water Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- S11 2250da 1.225 Surface Water Drain with TYPE 3 600 Diameter Inspection Chamber, Diameter and Gradient
- Surface Water rodding eye
- Surface Water Plastic Yard Gully with 100 Diameter Plastic pipe
- Surface Water Road Gully with 150 Diameter Plastic pipe
- BD Surface Water Backdrop

General Notes:

- All levels relate to Ordnance Datum.
- All gullies to be rotatable or connected to inspection chambers. All road gullies connections to be 1500, connections other than at manholes to be "Y" junctions. Gully's consistent with pedestrian crossings to have pedestrian type gully covers. Positions of yard and house gullies are nominal and may be adjusted on site.
- All domestic drainage to be 1000 U.N.O or as noted. Minimum gradient for 1000 SW is 1:100 and 1000 FW is 1:80. Bedding for domestic drainage Class B. All pipe runs near buildings to comply with the Building Regulations 2002 Part H1.
- All works to be in accordance with WRC Sewers for Adoption 7th Edition or as stipulated in Southern Water Authority addendum, The Local Authority and BS5301 1985.
- All materials to be agreed by LA. Trench fill under roads to be clause 613 material as agreed with LA.
- All adoptable roadwork's shall be in accordance with West Sussex County Council specification & details.
- All slab levels shown are for guidance only and may need to be adjusted on site, subject to approval by the engineer.
- The contractor must comply with all current legislation relating to Health and Safety. The contractor/client must familiarise himself with all service companies records of existing plant locations prior to any excavation works. All existing services/sewers to be traced/surveyed. Any discrepancies to be reported to the engineer immediately.
- All concrete and concrete products to be in accordance with BRE 363 for sulphates.
- All stub stacks to be fitted with air admittance valves where branch drain exceeds 12m except at the head of run.
- Position of soil pipes, standing wastes, wc outlets etc. are shown on the Architects working drawings. Rainwater downpipe positions are to be checked against architects details to ensure compatibility. Rainwater downpipes to have rodding access facilities where surface water drainage passes under buildings.
- Driveways to garages with step approaches to laid with suitable HOG & SAG curvature to avoid grounding out.
- All plots to have which has gardens sloping towards the back of the house to have french drains. Drain to be connected to surface water system.
- Where block paved areas fall towards building to a 100mm filter stipperforated drain connected to drainage system.
- All existing/new utility services within the vicinity of ANY trees to be carried out in accordance with NUJG Publication number 10. Guide line for planning, installation and maintenance of utility services in proximity to trees
- All properties to have level access front and rear where ever possible. Final levels of paths and patios to be set such that they not obstruct subfloor ventilation.
- This drawing is to read in conjunction with all relevant Escher Silverman and Crayfern Homes drawings and specifications.

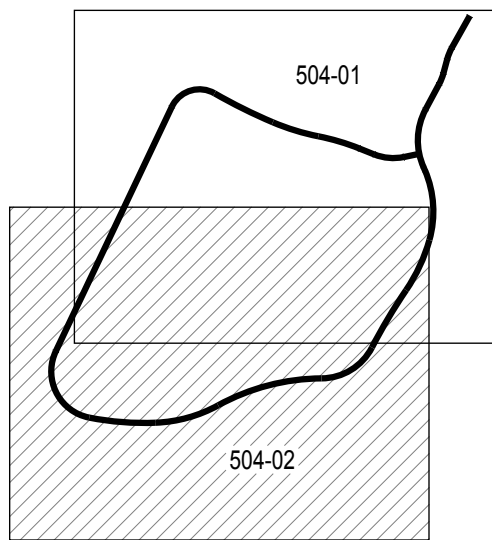
SAFETY, HEALTH & ENVIRONMENTAL INFORMATION CDM Regulations 2015

In addition to the hazards/risks normally associated with the type of work detailed on this drawing note should be made of the following:

- Working in vicinity of deep excavations.
- Working in live Highway
- Existing Services across site and in Highway

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Contractor is not relieved of any of his obligations under all applicable health and safety regulations.



Drawing Sheet Key Plan

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
1	S1	7.210	5.285	1.625	1200	2	D400
2	S2	7.100	5.025	1.700	1350	2	B125
3	S3	7.030	4.921	1.734	1350	2	B125
4	S4	6.800	4.762	1.663	1350	2	D400
5	S4/1	6.890	4.805.44	1.663	1350	2	D400
6	S4/2	6.920	4.838	1.663	1350	2	D400
7	S4/3	6.980	4.905.40	1.663	1350	2	D400
8	S4/4	6.855	4.805	1.670	450	3	D400
9	S4/4/1	6.900	4.850	1.650	450	3	B125
10	S4/5	6.870	4.820	1.650	450	3	B125
11	S4/6	6.920	4.870	1.704	450	3	B125
12	S4/7	6.920	4.870	1.617	450	3	B125
13	S5	6.710	4.688	1.647	1350	2	D400
14	S5/1	7.000	4.900	1.600	450	3	A15
15	S5/2	6.700	4.600	1.500	450	3	A15
16	S6	7.030	4.907	2.048	1350	2	D400
17	S6/1	7.045	4.915	1.730	450	3	B125
18	S6/2	7.100	5.024	1.776	450	3	A15
19	S6/3	7.054	4.943	1.511	450	3	B125
20	S7	6.920	4.825	1.355	1200	2	D400
21	S8	6.970	4.870	1.444	1200	2	D400
22	S8/1	7.038	4.938	1.088	450	3	D400
23	S8/1/1	6.935	4.835	0.500	450	3	A15
24	S8/2	6.965	4.865	0.602	450	3	A15
25	S9	6.690	4.690	0.960	450	3	D400
26	S10	7.160	5.340	1.595	600	3	D400
27	S11	7.179	5.272	1.682	600	3	B125
28	S12	7.011	5.100	1.711	450	3	B125
29	S13	7.057	5.106	0.851	450	3	A15
30	S14	6.970	4.900	0.970	450	3	D400
31	S15	6.350	4.660	1.315	1350	2	B125
32	S16	6.960	4.860	0.775	600	3	A15

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
33	S17	7.000	5.714	1.061	600	3	A15
34	S18	7.080	5.627	1.303	1200	2	B125
35	S19	6.850	5.530	1.170	1200	2	B125
36	S20	6.800	5.460	1.200	1200	2	B125
37	S21	7.000	5.401	1.449	1200	2	B125
38	S22	6.710	5.322	1.238	1200	2	B125
39	S23	6.530	5.278	1.102	1200	2	D400
40	S24	6.600	5.150	1.225	1200	2	D400
41	S25	6.500	5.084	1.191	1200	2	D400
42	S26	6.410	5.003	1.182	1200	2	D400
43	S27	6.560	4.802	1.383	1350	2	D400
44	S28	6.560	4.773	1.412	1350	2	D400
45	S29	6.520	4.745	1.400	1350	2	D400
46	S29/1	6.760	4.626	1.054	450	3	B125
47	S30	7.225	5.680	0.565	450	3	A15
48	S31	7.200	5.395	0.705	450	3	A15
49	S31/1	7.200	5.586	0.514	450	3	A15
50	S32	7.138	5.286	0.750	450	3	B125
51	S33	7.120	5.770	1.250	450	3	D400
52	S34	6.590	5.150	1.215	600	3	D400
53	S34/1	7.035	6.088	0.867	450	3	A15
54	S34/2	7.155	6.225	0.830	450	3	B125
55	S35	6.850	4.700	2.000	1200	2	A15
56	S36	6.875	4.685	0.690	450	3	B125
57	S37	6.835	4.613	0.592	450	3	A15
58	S38	6.835	4.614	0.721	450	3	A15
59	S39	6.800	5.190	1.510	450	3	A15
60	S40	7.336	6.550	0.686	450	3	A15
61	S41	7.120	6.283	0.737	450	3	A15
62	S42	7.140	5.453	1.587	450	3	D400
63	S42/1	6.940	5.590	1.250	450	3	D400
64	S42/2	6.933	6.200	0.633	450	3	B125
65	S43	7.260	5.320	1.790	1200	2	D400

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
66	S43/1	7.135	6.397	0.638	450	3	A15
67	S43/2	7.135	6.555	0.530	450	3	A15
68	S44	6.750	5.996	0.694	450	3	A15
69	S45	6.735	5.822	0.813	450	3	A15
70	S45/1	6.735	6.135	0.500	450	3	A15
71	S45/2	6.735	6.135	0.500	450	3	A15
72	S46	6.790	5.664	1.026	450	3	A15
73	S47	6.870	5.572	1.198	450	3	D400
74	S47/1	6.750	5.730	0.920	450	3	A15
75	S47/2	6.750	5.886	0.784	450	3	A15
76	S47/3	6.685	5.985	0.600	450	3	B125
77	S48	6.591	5.991	0.500	450	3	B125
78	S49	6.685	5.756	0.823	450	3	A15
79	S50	6.688	5.641	0.927	450	3	A15
80	S50/1	6.760	6.147	0.513	450	3	B125
81	S51	6.800	6.200	0.500	450	3	B125
82	S52	6.735	5.934	0.701	450	3	A15
83	S53	6.758	5.784	0.874	450	3	A15
84	S54	6.920	5.953	1.167	450	3	D400
85	S55	7.000	6.400	0.500	450	3	A15
86	S56	6.710	6.108	0.592	450	3	A15
87	S57	7.055	5.837	1.118	450	3	A15
88	S57/1	6.935	6.324	0.511	450	3	A15
89	S58	7.190	6.589	0.501	450	3	B125
90	S59	7.310	6.000	1.210	450	3	D400
91	S59/1	7.135	6.465	0.570	450	3	A15

* Cover size restricted to 350mm dia or 300 x 300mm where depth of chamber to invert level is >1.2m.

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
1	F1	6.910	6.060	0.750	450	3	A15
2	F2	6.930	5.630	1.200	450	3	D400
3	F3	7.050	5.459	1.491	450	3	D400
4	F3/1	7.100	6.035	0.965	450	3	A15
5	F4	7.100	5.215	1.785	450	3	D400
6	F4/1	7.090	5.071	1.919	450	3	D400
7	F4/1	7.175	6.285	0.790	450	3	A15
8	F5	7.080	4.917	2.083	450	3	D400
9	F5/1	7.100	6.360	0.640	450	3	A15
10	F5/2	7.100	6.500	0.500	250	4	B125
11	F6	6.660	4.828	1.832	450	3	D400
12	F7	6.800	4.325	2.375	450	3	D400
13	F7/1	7.100	6.500	0.500	250	4	A15
14	F7/2	6.800	6.000	0.700	300	4	A15
15	F7/3	7.000	6.335	0.665	300	4	A15
16	F7/4	7.000	6.235	0.665	300	4	A15
17	F7/5	6.900	6.200	0.500	250	4	A15
18	F8	6.800	4.081	2.569	450	3	D400
19	F8/1	7.100	6.500	0.500	250	4	A15
20	F8/2	7.000	6.150	0.750	300	4	A15
21	F9	7.000	3.945	2.905	450	3	B125
22	F9/1	7.050	6.200	0.750	450	3	A15
23	F9/2	7.000	6.150	0.750	300	4	A15
24	F10	7.000	3.715	3.155	1200	1	B125
25	F10/1	7.100	6.150	0.850	450	3	A15
26	F10/2	7.050	6.200	0.750	450	3	A15
27	F10/3	7.050	6.200	0.750	450	3	A15
28	F10/4	7.050	6.200	0.750	450	3	A15
29	F11	7.130	3.552	3.428	1200	1	D400
30	F11/1	6.935	6.035	0.800	450	3	A15
31	F11/2	6.935	6.035	0.800	450	3	A15
32	F12	6.670	3.715	2.805	1200	2	D400
33	F12/1	6.800	6.200	0.500	250	4	A15
34	F13	7.150	3.138	3.862	1200	1	B125
35	F13/1	6.750	5.301	1.299	1200	2	D400
36	F13/2	6.750	5.240	1.360	1200	2	D400
37	F14	7.040	5.730	1.210	450	3	D400
38	F14/1	7.085	6.485	0.500	250	4	A15
39	F15	7.070	5.361	1.609	450	3	D400
40	F15/1	7.135	6.335	0.500	250	4	A15
41	F15/2	7.135	6.335	0.500	250	4	A15
42	F16	7.040	6.206	0.734	450	3	B125
43	F16/1	7.075	6.325	0.650	300	4	B125
44	F16/2	7.100	6.500	0.500	250	4	A15
45	F17	7.290	5.885	1.325	450	3	A15
46	F17/1	7.230	6.480	0.650	300	4	B125

FOUL WATER MANHOLE SCHEDULE							
No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
47	F17/2	7.350	6.750	0.500	250	4	A15
48	F17/3	7.300	6.485	0.715	300	4	A15
49	F17/4	7.300	6.485	0.715	300	4	A15
50	F18	7.200	5.648	1.542	450	3	A15*
51	F18/1	7.300	6.450	0.750	300	4	A15
52	F18/2	7.300	6.450	0.750	300	4	A15
53	F19	7.070	5.314	1.656	450	3	D400
54	F19/1	7.280	6.350	0.830	300	4	A15
55	F20	7.260	5.259	1.901	450	3	D400
56	F20/1	7.135	6.535	0.500	250	4	A15
57	F20/2	7.085	6.485	0.500	250	4	A15
58	F21	7.100	4.729	2.271	450	3	B125*
59	F21/1	7.000	6.400	0.500	250	4	A15
60	F21/2	7.120	6.520	0.500	250	4	A15
61	F21/3	7.000	6.400	0.500	250	4	A15
62	F21/4	7.120	6.520	0.500	250	4	A15
63	F21/5	7.120	6.520	0.500	250	4	A15
64	F21/6	6.835	6.335	0.500	250	4	A15
65	F22	7.050	6.422	0.528	450	3	A15
66	F22/1	7.100	6.500	0.500	250	4	A15
67	F23	7.070	6.170	0.800	450	3	A15
68	F23/1	6.935	6.335	0.500	250	4	A15
69	F23/2	7.050	6.450	0.500	250	4	A15
70	F23/3	7.050	6.450	0.500	250	4	A15
71	F23/4	7.020	6.420	0.500	250	4	A15
72	F23/5	7.050	6.450	0.500	250	4	A15
73	F23/6	7.080	6.400	0.500	250	4	A15
74	F24	6.530	5.220	1.210	450	3	D400*
75	F24/1	6.680	5.830	0.750	450	3	B125
76	F24/2	6.685	5.085	0.500	250	4	A15
77	F25	6.620	4.704	1.816	450	3	D400
78	F25/1	6.685	6.085	0.500	250	4	A15
79	F25/2	6.700	6.100	0.500	250	4	A15
80	F25/3	6.652	5.983	0.659	450	3	B125
81	F25/4	6.685	6.085	0.500	250	4	A15
82	F25/3/2	6.620	6.000	0.625	300	4	B125
83	F25/4	6.620	5.818	0.702	450	3	B125
84	F25/4/1	6.685	6.085	0.500	250	4	A15
85	F25/4/2	6.725	5.925	0.700	300	4	B125
86	F26	6.665	4.483	2.082	450	3	D400*
87	F26/1	6.640	5.968	0.572	450	3	B125
88	F26/1/1	6.775	6.025	0.650	300	4	B125
89	F26/2	6.735	6.135	0.500	250	4	A15
90	F27	7.000	4.193	2.407	450	3	D400*
91	F27/1	6.800	5.806	0.984	450	3	A15
92	F27/2	6.770	5.955	0.715	300	4	B125

* Cover size restricted to 375mm dia or 300 x 300mm where depth of chamber to invert level is ≥ 1.2 m.